

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Patent Application of John B. Davis et al.

Serial No. 08/373,953 filed January 17, 1995

Art Unit 3502



For: Rotational Control Apparatus

PWNC File 1084

FORM PTO-1449

LIST OF PRIOR ART CITED BY APPLICANTS

U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Cl.	Sub. Cl.	File Date
RHB	7 2 6 5 3 6	04/1903	Holz	—	—	
RHB	1 1 3 6 2 7 9	04/1915	Severy	192	48.2	(XR)
RHB	1 3 0 6 7 8 4	06/1919	Soames et al.	—	—	
RHB	1 5 5 6 4 2 7	10/1925	Coughtry	—	—	
RHB	1 7 4 2 8 0 5	01/1930	Carhart	192	70.2	(XR)
RHB	1 9 3 5 5 8 1	11/1933	Snow, Jr.	—	—	
RHB	2 2 2 1 0 1 4	11/1940	Williamson	—	—	
RHB	2 2 4 1 2 4 2	05/1941	Friedman	—	—	
RHB	2 4 8 8 0 7 9	11/1949	Sensaud deLavaud et al.	—	—	
RHB	2 5 1 9 4 4 9	08/1950	Findley	—	—	
RHB	2 5 9 7 3 8 8	05/1952	Sensaud de Lavaud	—	—	
RHB	2 6 5 8 5 9 3	11/1953	Doebeli	192	48.2	
RHB	2 6 6 1 1 4 8	12/1953	Englander	—	—	
RHB	2 6 7 9 6 0 4	05/1954	Jaeschke	—	—	
RHB	2 7 1 4 4 3 7	08/1955	Spase	192	70.2	
RHB	2 7 3 2 9 2 1	01/1956	Rabinow	—	—	
RHB	2 9 0 2 6 1 2	09/1959	Whearley	310	105	
RHB	2 9 3 7 8 0 3	05/1960	Cunningham	—	—	
RHB	3 1 6 7 6 7 3	01/1965	Miquel et al.	—	—	

Examiner *Rodney Bonck*  
Rodney Bonck

Date Considered  
Dec. 20, 1995

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RHB	3 2 0 9 1 8 4	09/1965	Woodward, Jr.	—	—	
RHB	3 2 2 9 1 3 2	01/1966	Cohen et al.	—	—	
RHB	3 2 9 1 2 7 3	12/1966	Hansen	—	—	
RHB	3 3 5 3 6 4 1	11/1967	Chana	—	—	
RHB	3 3 8 2 3 8 4	05/1968	Hulls	—	—	
RHB	3 4 5 0 9 1 0	06/1969	Jaeschke et al.	—	—	
RHB	3 4 5 6 1 4 1	07/1969	Burgess	—	—	
RHB	3 4 7 8 2 3 9	11/1969	Jaeschke	—	—	
RHB	3 4 8 8 5 3 5	01/1970	Baermann	—	—	
RHB	3 4 8 8 5 3 6	01/1970	Baermann	—	—	
RHB	3 5 6 6 1 6 8	02/1971	Matsubara	—	—	
RHB	3 6 0 1 6 4 1	08/1971	Baermann	—	—	
RHB	3 9 7 4 4 0 8	08/1976	Fehr et al.	—	—	
RHB	4 0 9 4 3 9 3	06/1978	Spokas	—	—	
RHB	4 1 3 9 0 8 5	02/1979	Kanbe et al.	—	—	
RHB	4 3 7 8 0 6 1	03/1983	Schierling et al.	—	—	
RHB	4 4 0 0 6 3 8	08/1983	Albrecht et al.	—	—	
RHB	4 4 2 5 9 9 3	01/1984	Schilling	—	—	

Examiner <i>R. H. B.</i> Rodney Borick	Date Considered Dec. 20, 1995
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RHB	4 4 4 6 3 9 1	05/1984	Sekine et al.	—	—	
RHB	4 4 8 8 6 2 7	12/1984	Streich et al.	—	—	
RHB	4 4 9 8 0 6 6	02/1985	Fujiwara et al.	—	—	
RHB	4 4 9 9 4 0 9	02/1985	Bauer	—	—	
RHB	4 5 0 8 9 8 5	04/1985	Pavlik et al.	—	—	
RHB	4 5 2 6 2 5 7	07/1985	Mueller	192	48.2	
RHB	4 5 4 0 3 8 1	09/1985	Molloy et al.	—	—	
RHB	4 5 6 4 7 7 5	01/1986	Mazzorana	—	—	
RHB	4 5 7 6 2 6 6	03/1986	Schilling et al.	—	—	
RHB	4 6 8 8 9 5 1	08/1987	Guers	—	—	
RHB	4 6 9 6 3 7 8	09/1987	Brooks	—	—	
RHB	4 7 1 8 5 2 6	01/1988	Koitaabashi	—	—	
RHB	4 8 4 6 3 2 6	07/1989	Tilton et al.	—	—	
RHB	4 9 0 7 6 8 3	03/1990	Patel	192	85AA	
RHB	4 9 2 6 9 9 2	05/1990	Linnig	—	—	
RHB	4 9 8 9 7 0 8	02/1991	Gaggermeier	—	—	
RHB	4 9 9 7 0 7 4	03/1991	Larson et al	192	85AA	(XR)
RHB	5 0 5 9 1 6 1	10/1991	Bredt	—	—	

Examiner <i>R. H. Bond</i> Rodney Bond	Date Considered Dec. 20, 1995
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## U.S. PATENT DOCUMENTS

GROUP 3500

Exam. Init.	Document No.	Date	Name	Cl.	Sub. Cl.	File Date
	<del>3 8 9 6 9 1 1</del>	<del>07/1975</del>	<del>Beneke</del>			

## FOREIGN PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Country/Name	Cl.	Sub Cl.	Tran Y/N
	<del>0 2 0 2 7 4 9</del>	<del>11/1986</del>	<del>EPO/Leicht</del>			
	<del>2 3 7 5 4 9 4</del>	<del>07/1978</del>	<del>France/Hoffmann</del>			
	<del>1 0 7 7 7 2 4</del>	<del>08/1967</del>	<del>Great Britain</del>			

Examiner <i>Rooney Bonck</i> Rooney Bonck	Date Considered Dec. 20, 1995
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Exam. Init.	Document No.	Date	Name	Cl.	Sub. Cl.	File Date
<i>PAB</i>	5 2 2 6 5 1 7	07/1993	Grochowski	—	—	
<i>PAS</i>	5 2 3 4 0 9 0	08/1993	Haka	—	—	
<i>PAS</i>	5 2 3 8 0 9 5	08/1993	Pedu	—	—	
<i>PAS</i>	5 3 0 1 7 7 9	04/1994	Nash	192	70.2	

FOREIGN PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Country/Name	Cl.	Sub Cl.	Tran Y/N
	<del>6 7 1 2 8 5</del>	<del>02/1939</del>	<del>Germany</del>			
<i>PAS</i>	1 0 2 0 2 4 2	11/1957	Germany/Baermann	192	48.2	
<i>PAS</i>	1 0 2 0 2 4 3	11/1957	Germany/Baermann	<del>192</del>	<del>84PM</del>	
	<del>1 1 8 8 1 9 1</del>	<del>03/1965</del>	<del>Germany</del>			
<i>PAB</i>	2 0 5 4 2 7 9	02/1981	United Kingdom	—	—	

Examiner <i>Rodney Bonck</i> Rodney Bonck	Date Considered Dec. 20, 1995
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